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**From:** Lyons, Regina [Lyons.Regina@epa.gov]  
**Sent:** 12/6/2019 6:45:51 PM  
**To:** Cote, Mel [Cote.Mel@epa.gov]  
**Subject:** 2008 SD FW: Bass River, Beverly dredging project  
**Attachments:** Beverly - final Suitability determination\_highlight.pdf; Beverly.xlsx

Hi Mel,

I'm going to check paper files when I'm in on Monday but can you check your electronic files to see if you have a signed version of this suitability determination? It may not be necessary but it's odd that no one has been able to produce a signed version to date. There are some issues with the data so we are intending to recommend redoing/updating the suitability determination.

**Suitability Determination for the City of Beverly, Bass River, Beverly, MA, Application Number NAE-2006-500.  
November 20, 2008**

Happy to discuss on Monday as needed.

Thanks,

Regina Lyons  
Ocean and Coastal Protection Unit Manager  
US Environmental Protection Agency  
Region 1 (New England)  
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-----Original Message-----

From: Guza-Pabst, Olga <Guza-Pabst.Olga@epa.gov>  
Sent: Friday, December 06, 2019 1:39 PM  
To: Lyons, Regina <Lyons.Regina@epa.gov>  
Subject: FW: Bass River, Beverly dredging project

-----Original Message-----

From: Wolf, Steven H CIV USARMY CENAE (USA) <Steven.Wolf@usace.army.mil>  
Sent: Friday, December 06, 2019 1:18 PM  
To: Guza-Pabst, Olga <Guza-Pabst.Olga@epa.gov>  
Subject: FW: Bass River, Beverly dredging project

Olga, here's the email that we sent along with the suitability determination - Steve

-----Original Message-----

From: Wolf, Steven H CIV USARMY CENAE (USA)  
Sent: Friday, December 6, 2019 11:52 AM  
To: Farris, Charles N CIV USARMY CENAE (US) <Charles.N.Farris@usace.army.mil>

Cc: Turley, Tammy R NAE <Tammy.R.Turley@usace.army.mil>; Ray, Diane M CIV USARMY CENAE (US) <Diane.M.Ray@usace.army.mil>; DeSista, Robert J CIV USARMY CENAE (USA) <Robert.J.Desista@usace.army.mil>; Mackay, Joseph B CIV USARMY CENAE (USA) <Joseph.B.Mackay@usace.army.mil>; Hopkins, Aaron D CIV USARMY CENAE (US) <Aaron.D.Hopkins@usace.army.mil>  
Subject: Bass River, Beverly dredging project

Norm, we have performed a detailed review of the proposed Bass River dredging project and unfortunately have identified some critical issues that need to be addressed,

- the data on which the suitability determination is based is more than 12 years old in a harbor with active development, current/historic industry, and ongoing remediation of a former manufactured gas plant, but there has been no confirmatory sampling or recent spill evaluation
- there are extremely high concentrations of metals, pesticides, PCBs, and PAHs in every sample (see attached Excel table)
- most importantly, unacceptable carcinogenic and non-carcinogenic bioaccumulation risk was identified for every sample (see highlighted values in the tables at the end of the attached suitability determination) but not reported in the narrative

Placement of this material at the MBDS would be in clear violation of MPRSA. I let EPA know that you will be contacting them about the status of this project. Aaron and I are available by phone and Jay is in the office if you have questions.

One additional note - for more than a year we have been requesting a list of private applicant projects that had a completed suitability determination but had not yet been dredged, with the goal of providing a detailed review and identifying any disposal related issues before a formal request-to-dredge came in so that we could head off issues like this one. Please pass along any list you've started, even if only partially complete - thanks, Steve

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